WESTERN UNITED STATES 1:250,000

BILLINGS

EDITION 1-AMS

REFER TO THIS MAP AS:
NL12-9
SERIES V502

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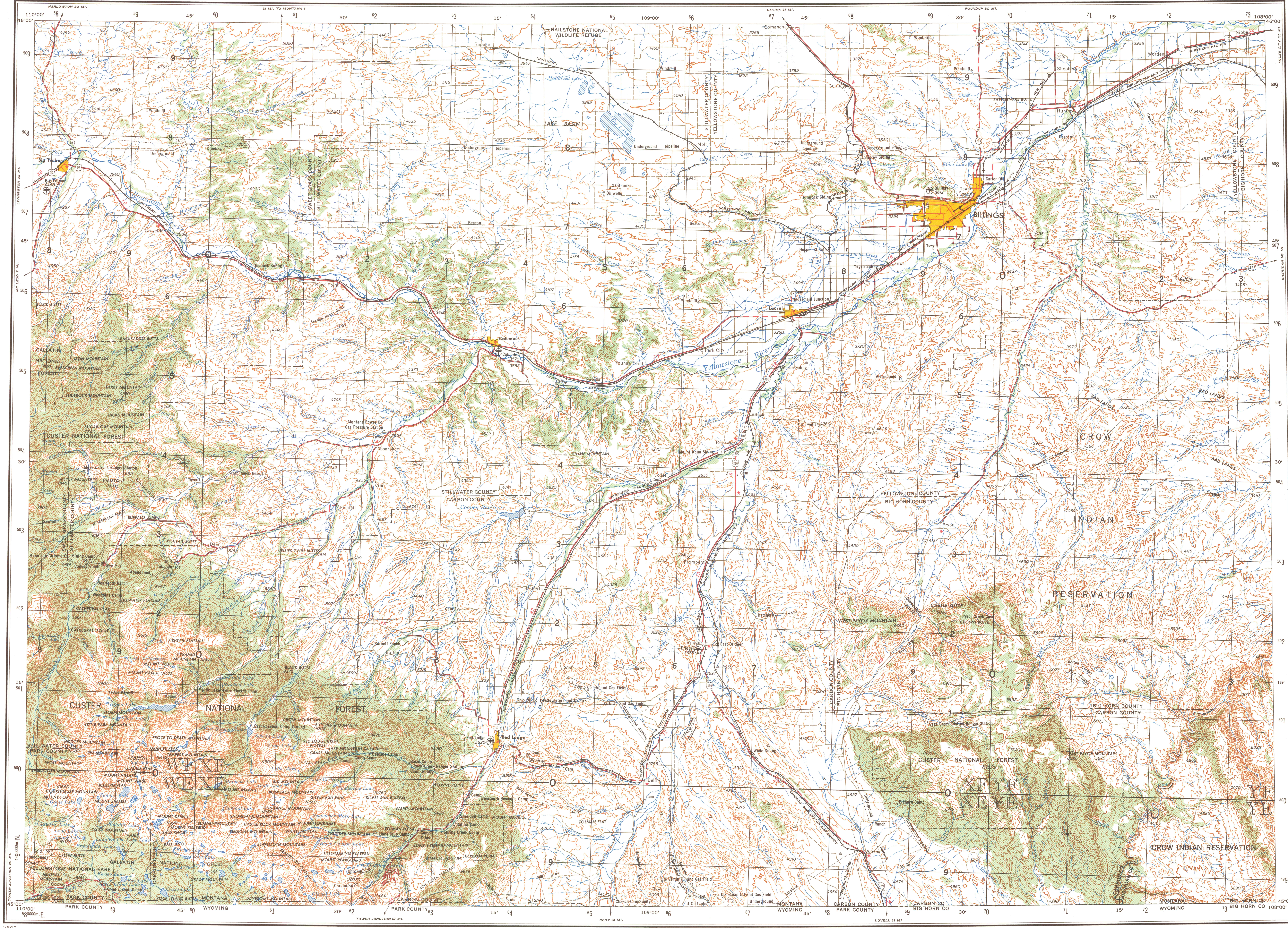
SHEET NL 12-9
EDITION 1-AMS



V502
Edition 1-AMS (First Printing, 8-57)

Prepared by the Army Map Service (AJART), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS, and CE. Aerial photography 1953. Photography field annotated 1954.

LEGEND
ROAD DATA 1954
Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — LOS ANGELES
- 100,000 to 500,000 — OMAHA
- 25,000 to 100,000 — GALVESTON
- 5,000 to 25,000 — Laramie
- 1,000 to 5,000 — Grand Coulee
- Less than 1,000 — Sun Valley

ROADS
- Hard surface, heavy duty
  - More than two lanes wide (3 LANES | 4 LANES)
  - Two lanes wide; Federal route marker
- Hard surface, medium duty
  - More than two lanes wide (3 LANES | 4 LANES)
  - Two lanes wide; State route marker
- Improved light duty
- Unimproved dirt
- Trail

RAILROADS (Single track, Double or Multiple)
- Standard gauge
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood
- Landmarks: School; Church; Other
- Horizontal control point
- Spot elevation in feet .221
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000
20 Statute Miles
30 Kilometers
15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12.
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 17°15′ EASTERLY FOR THE CENTER OF THE WEST EDGE TO 16°30′ EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°03′ WESTERLY.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

LOCATION DIAGRAM FOR NL12-9

NL 12-1 Choteau	NL 12-2 Great Falls	NL 12-3 Lewistown	NL 13-1 Jordan	NL 13-2 Glendive
NL 12-4 Butte	NL 12-5 White Sulphur Springs	NL 12-6 Roundup	NL 13-4 Forsyth	NL 13-5 Miles City
NL 12-7 Dillon	NL 12-8 Bozeman	NL 12-9 Billings	NL 13-7 Hardin	NL 13-8 Ekalaka
NL 12-10 Dubois	NL 12-11 Ashton	NL 12-12 Cody	NL 13-10 Sheridan	NL 13-11 Gillette
NK 12-1 Idaho Falls	NK 12-2 Driggs	NK 12-3 Thermopolis	NK 13-1 Arminto	NK 13-2 Newcastle

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GRID ZONE DESIGNATION: 12T
100,000 M. SQUARE IDENTIFICATION

WF	XF	YF
WE	XE	YE

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 4990000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
SAMPLE POINT: GOLD MINE
1. Read letters identifying 100,000 meter square in which the point lies: XE
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 8
   Estimate tenths from grid line to point: 9
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 9
   Estimate tenths from grid line to point: 1

SAMPLE REFERENCE: XE8991
If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 12TXE8991

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~~BILLINGS, MONTANA; WYOMING~~

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